


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214			
Kalamazoo River/Enbridge Spill		06/6/2012		1700					
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :				
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	06/6/2012 0630		
		Position:		Operations Section Chief		To:	06/6/2012 1600		
7. Personnel Roster Assigned									
Name		ICS Position		ELL					
Dan Capone		Operations Section Chief							
Joe Victory		Operations Section Chief							
Rex Johnson		Deputy Director							
Dan Zahner		Field Team Lead							
Greg Wagner		CBM Team 2							
8. Activity Log									
Activity Area				LAT		LAT			
				Various		Various			
				(DD.MMMM)		(DD.MMMM)			
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>							
		<u>DENSITY OF OIL /SHEEN</u>							
Total Collection Points									
Total Boom Deployed									
Activity		<u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u>							
		<p>Greg Wagner and Dylan Massey (LBG) conducted (1) Control & Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 2.25 (C0.0) through 14.00 (2) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0730- 1700: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. 							
		<u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u>							
		LOCATION		WATER TEMP		SEDIMENT TEMP		WATER LEVEL	
		MP 2.25 (C 0.0 Launch)							
		MP 5.25 (C0.4 Launch)							
		MP 10.0 (C3.2 Launch)							
		MP 15.0 (C5 Launch)							
		MP 18.75 (D2 Launch)		74.0		64.3		1.0	
		MP 21.5 (D5)		73.4		67.2		4.4	
		MP 27.0 (E0.5 Launch)		72.8		66.2		0.7	
		MP 30.0 (E2 Launch)		66.2		61.3		0.7	
		MP 35.0 (E3 Launch)		67.5		58.9		0.0	
		MP 38.0 (E4 Launch)		63.5		64.8		1.0	
		AVERAGE		69.6		63.8		1.3	

WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:
 MP 0.04: Below Source (Culvert 1):
 MP 0.27: Between Source & Division Road (Culvert 2):
 MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):
 MP 1.09: 16 Mile Road (Culvert 5):
 MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):
 MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):
 MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam):
 MP 8.50 L1 (8.48 LDB):
 MP 8.50 L3 (8.48 LDB):
 MP 8.75 R1:
 MP 9.00 I2 (8.97I):
 MP 10.75 LDB:
 MP 11.75 L2 (11.79 LDB):
 MP 14.98I:
 MP 15.65 (Battle Creek Spillway): Control point intact. Observed sheen on the downstream side of the control point boom today. LBG called the sheen in for cleanup. Area of sheen is 20' x 1' = 20 sq.ft.
 MP 17.00 L1 (Rock Tenn): Containment has been removed.
 MP 21.50 (Oxbow): Containment booms intact. Silver sheen observed today. Area of sheen is 3' x 2' = 6 sq. ft.
 MP 30.8 LDB: Containment intact. No sheen was observed today.
 MP 37.75 (E4): Control point booms and collection point intact. Silver and small quantity of rainbow sheen observed here today. Area of sheen is 1' x 100' = 100 sq. ft.

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:
 MP 2.25 to MP 5.90:
 MP 5.90 to MP 9.50:
 MP 9.50 to MP 13.75:
 MP 13.75 to MP 15.65:
 MP 15.65 to MP 18.75:
 MP 18.75 to MP 30.00:
 MP 30.00 to MP 35.25:
 MP 35.25 to MP 37.75:
 MP 37.75 to MP 40.00:

Total sheen in control points: 120 sq. ft.
 Total sheen within containment: 6 sq. ft.
 Total Sheen: 126 sq. ft.

Helicopter Fly-Over Pictures:

No inspections resulting from helicopter overflight pictures were performed by CBM-2 today.

Health and Safety Issues	
Comments	CBM-2 inspected an island area in the former Delta B area near MP 36.50. the sheen was tested by LBG using the hexane protocol and found to be oil sheen on all three segments of the test.